

U.S. Department of Commerce, Patent & Trademark Office

Atty Do. No.

Application No.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

M-11147-1C US

~~10/008,482~~

Applicants

Confirmation No.

(Use several sheets if necessary)

Zare et al.

8199

Filing Date

Group

August 8, 2001

1723

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
EGT	1	4,323,439	4/6/82	O'Farrell	204	180G	
EGT	2	4,617,102	10/14/86	Tomblin et al.	204	299R	
EGT	3	5,085,756	2/4/92	Swedberg	204	299R	
EGT	4	5,116,471	5/26/92	Chien et al.	204	180.1	
EGT	5	5,202,010	4/13/93	Guzman	204	299R	
EGT	6	5,340,452	8/23/94	Brenner et al.	204	180.1	
EGT	7	5,423,966	6/13/95	Wiktorowicz	204	182.8	
EGT	8	5,453,382	9/26/95	Novotny et al.	436	178	
EGT	9	5,766,435	6/16/98	Liao et al.	204	451	
EGT	10	5,800,692	9/1/98	Naylor et al.	204	601	
EGT	11	6,136,187	10/24/00	Zare et al.	210	198.2	
EGT	12	5,772,875	6/30/98	Pettersson et al.	210	198.2	
EGT	13	3,568,840	12/24/68	Hashimoto, et al.	210	198.2	
EGT	14	3,757,490	9/11/73	Ma	210	198.2	
EGT	15	5,308,495	5/3/94	Avnir et al.	210	198.2	
EGT	16	5,316,680	5/31/94	Frechet et al.	210	198.2	
EGT	17	5,334,310	8/2/94	Frechet et al.	210	198.2	
EGT	18	5,552,994	6/4/96	Frechet et al.	210	198.2	
EGT	19	5,647,979	7/15/97	Liao et al.	210	198.2	
EGT	20	5,667,674	9/16/97	Hanggi et al.	210	198.2	
EGT	21	5,719,322	2/17/98	Lansbarkis et al.	210	198.2	
EGT	22	5,728,296	3/17/98	Hjerten te al.	210	198.2	
EGT	23	5,728,457	3/17/98	Frechet et al.	210	198.2	
EGT	24	5,759,405	6/2/98	Anderson, Jr. et al.	210	656	
EGT	25	5,858,241	1/12/99	Dittmann et al.	210	656	
EGT	26	4,675,300	6/23/87	Zare et al.	436	172	
EGT	27	5,599,445	2/4/97	Betz et al.	210	198.2	
EGT	28	5,637,135	6/10/97	Ottenstein et al.	96	101	
EGT	29	3,808,125	8/25/72	Good	210	198.2	
EGT	30	5,135,627	8/4/92	Soane	210	198.2	
EGT	31	5,453,185	9/26/95	Frechet et al.	210	198.2	

THERKORN

October 18, 2004

EGT	32	3,503,711	5/18/66	Sussman	210	198.2		
EGT	33	5,116,495	5/26/92	Prohaska	210	198.2		
EGT	34	3,878,092	4/15/75	Fuller	210	198.2		
Foreign Patent Documents								
EGT	35	Document	Date	Country	Class	Subclass	Translation	
EGT	36	WO 00/49396	8/24/00	WIPO	210	198.2	Yes	No
EGT	37	EP 0 779 512	06/18/97	EP	210	198.2		X
EGT	38	EP 0 439 318	7/31/91	EP	210	198.2		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EGT	39	C. Yu et al., "Towards Stationary Phases for Chromatography on a Microchip: Molded Porous Polymer Monoliths Prepared in Capillaries by Photoinitiated In Situ Polymerization as Separation Media for Electrochromatography," <i>Electrophoresis</i> , Vol. 21, 2000, pp. 120-127.						
EGT	40	J. Quirino et al., "Sweeping of Analyte Zones in Electrokinetic Chromatography," <i>Analytical Chemistry</i> , Vol. 71, No. 8, April 15, 1999, pp. 1638-1644.						
EGT	41	M. Taylor et al., "Analysis of Corticosteroids in Biofluids by Capillary Electrochromatography with Gradient Elution," <i>Analytical Chemistry</i> , Vol. 69, No. 13, July 1, 1997, pp. 2554-2558.						
EGT	42	D.A. Stead et al., "Capillary Electrochromatography of Steroids Increased Sensitivity by On-Line Concentration and Comparison with High-Performance Liquid Chromatography," <i>Journal of Chromatography A</i> , Vol. 798, 1998, pp. 259-267.						
EGT	43	Y. Zhang et al., "High-Efficiency On-Line Concentration Technique of Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 22, November 15, 2000, pp. 5744-5747.						
EGT	44	T. Tegeler et al., "On-Column Trace Enrichment by Sequential Frontal and Elution Electrochromatography. 1. Application to Carbamate Insecticides," <i>Analytical Chemistry</i> , Vol. 73, No. 14, July 15, 2001, pp. 3365-3372.						
EGT	45	F. E. P. Mikkers et al., "Concentration Distributions in Free Zone Electrophoresis," <i>Journal of Chromatography</i> , Vol. 169, February 1, 1979, pp. 1-10.						
EGT	46	R.-L. Chien et al., "On-Column Sample Concentration Using Field Amplification In CZE," <i>Analytical Chemistry</i> , Vol. 64, No. 8, April 15, 1992, pp. 489A-496A.						
EGT	47	J. Quirino et al., "Exceeding 5000-Fold Concentration of Dilute Analytes in Micellar Electrokinetic Chromatography," <i>Science</i> , Vol. 282, October 16, 1998, pp. 465-468.						
EGT	48	C. Yang et al., "Electrically Driven Microseparation Methods for Pesticides and Metabolites. II: On-line and Off-line Preconcentration of Urea Herbicides in Capillary Electrochromatography," <i>Electrophoresis</i> , Vol. 20, 1999, pp. 2337-2342.						
EGT	49	M. Dulay et al., "Preparation and Characterization of Monolithic Porous Capillary Columns Loaded with Chromatographic Particles," <i>Analytical Chemistry</i> , Vol. 70, No. 23, December 1, 1998, pp. 5103-5107.						
EGT	50	M. Dulay et al., "Photopolymerized Sol-Gel Monoliths for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 73, No. 16, August 15, 2001, pp. 3921-3926.						
EGT	51	J. Quirino et al., "New Strategy for On-Line Preconcentration in Chromatographic Separations," manuscript.						
EGT	52	J. Quirino et al., "On-Line Preconcentration in Capillary Electrochromatography Using a Porous Monolith, Solvent Gradient and Sample Stacking," manuscript.						
EGT	53	M. Kato et al., "Photopolymerized Sol-Gel Frits for Packed Columns in Capillary Electrochromatography," <i>Journal of Chromatography A</i> , Vol. 924, 2001, pp. 187-195.						

EGT	54	J.-R. Chen et al., "Macroporous Photopolymer Frits for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 6, March 15, 2000, pp. 1224-1227.
EGT	55	C. Viklund et al., "Molded Macroporous Poly(Glycidyl Methacrylate-Co-Trimethylolpropane Trimethacrylate) Materials with Fine Controlled Porous Properties: Preparation of Monoliths Using Photoinitiated Polymerization," <i>Chem. Mater.</i> , Vol. 9, No. 2, 1997, pp. 463-471.
EGT	56	M. Dulay et al., "Bonded-Phase Photopolymerized Sol-Gel Monoliths for Reversed Phase Capillary Electrochromatography," <i>J. Sep. Sci.</i> , Vol. 25, 2002, pp. 3-9.
EGT	57	M. Kato et al., "Effect of Preparatory Conditions on the Performance of Photopolymerized Sol-Gel Monoliths for Capillary Electrochromatography," <i>Journal of Chromatography A</i> , Vol. 961, 2002, pp. 45-51.
EGT	58	M. Kato et al., "Enantiomeric Separation of Amino Acids and Nonprotein Amino Acids Using a Particle-Loaded Monolithic Column," <i>Electrophoresis</i> , Vol. 21, 2000, pp. 3145-3151.
EGT	59	J. Quirino et al., "On-Line Preconcentration in Capillary Electrochromatography Using a Porous Monolith Together with Solvent Gradient and Sample Stacking," <i>Anal. Chem.</i> , Vol. 73, 2001, pp. 5557-5563.
EGT	60	J. Quirino et al., "Strategy for On-Line Preconcentration in Chromatographic Separations," <i>Anal. Chem.</i> , Vol. 73, 2001, pp. 5539-5543.
EGT	61	K. Morishima et al., "Toward Sol-Gel Electrochromatographic Separations on a Chip," <i>J. Sep. Sci.</i> , Vol. 25, 2002, pp. 1226-1230.
EGT	62	M.J. Hilhorst, et al., "Sensitivity Enhancement in Capillary Electrochromatography by On-Column Preconcentration," <i>Chromatographia</i> 2001, 53, February (No. 3/4), pp. 190-196.
EGT	63	Woo, et al., "Photopolymerization of Methyl Methacrylate with Primary Aryl- and Alkylsilanes," <i>Bulletin of the Korean Chemical Society</i> , Vol. 16, No. 11, ISSN 0253-2964, Nov. 20, 1995.
EGT	64	Cikalo, et al., "Capillary Electrochromatography," <i>Analyst</i> , July 1998, Vol. 123 pp. 87R-102R.
EGT	65	Quirino, et al., "Sample Stacking of Cationic and Anionic Analytes in Capillary Electrophoresis," <i>Journal of Chromatography, A</i> , 902 2000, pp. 119-135.
EGT	66	Quirino, et al. "Sweeping of Neutral Analytes in Electrokinetic Chromatography with High-Salt-Containing Matrixes," <i>Analytical Chemistry</i> , vol. 72, No. 8, April 15, 2000.
EGT	67	Chen, et al., "Semipreparative Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 73, No. 9, May 1, 2001.
EGT	68	Colon, et al., "Packing Columns for Capillary Electrochromatography," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 43-53.
EGT	69	Svec, et al., "Design of the Monolithic Polymers used in Capillary Electrochromatography Columns," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 3-29.
EGT	70	Constantin, et al., "Preparation of Stationary Phases for Open-Tubular Capillary Electrochromatography Using the Sol-Gel Method," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 253-263.
EGT	71	Tan, et al., "Preparation and Evaluation of Bonded Linear Polymethacrylate Stationary Phases for Open Tubular Capillary Electrokinetic Chromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 4, Feb. 15, 1997.
EGT	72	Chirica, et al., "Fritless Capillary Columns for HPLC and CEC Prepared by Immobilizing the Stationary Phase in an Organic Polymer Matrix," <i>Analytical Chemistry</i> , Vol. 72, No. 15, August 1, 2000, pp. 3605-3610.
EGT	73	Palm, et al., "Macroporous Polyacrylamide/Poly(ethylene glycol) Matrixes as Stationary Phases in Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 22, Nov. 15, 1997, pp. 4499-4507.

EGT	74	Hayes, et al., "Sol-Gel Monolithic Columns with Reversed Electroosmotic Flow for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 17, September 1, 2000, pp. 4090-4099.
EGT	75	Mol, et al., "Trace Level Analysis of Micropollutants in Aqueous Samples using Gas Chromatography with On-Line Sample Enrichment and Large Volume Injection," <i>Journal of Chromatography A</i> , 703 (1995) pp. 277-307.
EGT	76	Quirino, et al., "Approaching a Million-Fold Sensitivity Increase in Capillary Electrophoresis with Direct Ultraviolet Detection: Cation-Selective Exhaustive Injection and Sweeping," <i>Analytical Chemistry</i> , Vol. 72, No. 5, March 1, 2000, pp. 1023-1030.
EGT	77	Rudge, et al., "Solute Retention in Electrochromatography by Electrically Induced Sorption," <i>AIChE Journal</i> , May 1993, Vol. 39, No. 5, pp. 797-808.
EGT	78	Kitagawa, et al., "Voltage-Induced Sample Release from Anion Exchange Supports in Capillary Electrochromatography," <i>Analytical Sciences</i> , June 1998, Vol. 14, pp. 571-575.
EGT	79	Josic, et al., "Monoliths as Stationary Phases for Separation of Proteins and Polynucleotides and Enzymatic Conversion," <i>Journal of Chromatography B</i> , 752 (2001) pp. 191-205.
EGT	80	Peters, et al., "Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 17, September 1, 1997
EGT	81	Dulay, et al., "Automated Capillary Electrochromatography: Reliability and Reproducibility Studies," <i>Journal of Chromatography A</i> , 725 (1996) pp. 361-366.
EGT	82	Brinker, et al., "Sol-Gel Science: The physics and Chemistry of Sol-Gel Processing," <i>Academic Press</i> , San Diego, pp. 372-385, 408-411, 458-459 1990.
EGT	83	Badini, et al., "Impregnation of a pH-Sensitive Dye into Sol-Gels for Fibre Optic Chemical Sensors," <i>Analyst</i> , 120, pp. 1025-1028, April 1995.
EGT	84	Snyder, Introduction to Modern Liquid Chromatography, <i>John Wiley & Sons, Inc.</i> , New York, 1979, pp. 145-147.
Examiner		THEKORN
Date Considered		October 18, 2004
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>		

Sheet 5 of 13

09/978,515

Sheet 1 of 1

U.S. Department of Commerce, Patent and Trademark

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Atty. Docket No.

STNB.055US1

Application No.

10/008,482

Applicant(s)

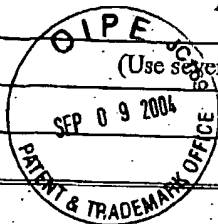
Richard N. Zare

Filing Date

November 13, 2001

Group

1723



(Use several sheets if necessary)

U.S. Patent Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
EGT	4,790,919	12/13/88	Baylor, Jr.	204	182.8	
EGT	5,200,150	4/6/93	Rose, Jr.	422	62	
EGT	5,916,427	6/29/99	Kirkpatrick	204	461	

U.S. Published Patent Application Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents

	Document	Date	Country	Class	Subclass	Translation
						Yes No
EGT	WO 99/30147	6/17/99	PCT	210	1982	<input checked="" type="checkbox"/>

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EGT	International Search Report mailed October 25, 2002.
EGT	Boughtflower et al., "Capillary Electrochromatography - Some Important Considerations in the Preparation of Packed Capillaries and the Choice of Mobile Phase Buffers," <i>Chromatographia</i> , Vol. 40, No. 5/6, March 1995, pp. 329-335.

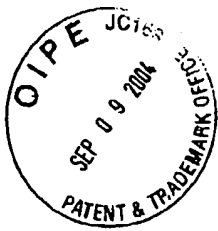
Examiner

THERKORN

Date Considered

October 18, 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



Sheet 6 of 13

Modified 1449

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/78,515 10/008,482	GROUPART UNIT 1723	ATTACHMENT TO PAPER NUMBER \$							
NOTICE OF REFERENCES CITED				APPLICANT(S) ZARE									
U.S. PATENT DOCUMENTS													
		DOCUMENT NO.		DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE					
E6	A	4	2	9	3	4	1	5	10/81	Bente	210	198.2	
E6	B	5	9	3	8	9	1	9	8/99	Nasafabadi	210	198.2	
	C												
	D												
	E												
	F												
	G												
	H												

THE KORN

October 18, 2004

FORM PT01449

(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

STAN.055US0

SERIAL NO.

09/507,707

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT

Richard N. Zare et al.

09/978,515

FILED

February 18, 2000

GROUP

4732 1723

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
EGT	A1	3 5 0 3 7 1 2	3/31/70	Sussman	210	198.2	
EGT	A2	3 5 6 8 8 4 0	3/9/71	Hashimoto	210	198.2	
EGT	A3	3 7 5 7 4 9 0	9/11/73	Ma	210	198.2	
EGT	A4	3 8 0 8 1 2 5	4/30/74	Good	210	198.2	
EGT	A5	3 8 7 8 0 9 2	4/15/75	Fuller	210	198.2	
EGT	A6	4 6 7 5 3 0 0	6/23/87	Zare et al.	210	198.2	
EGT	A7	5 1 1 6 4 9 5	5/26/92	Prohaska	210	198.2	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
EGT	B1	0 4 3 9 3 1 8	31.07.91	EPO	210	198.2	Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

EGT	C1	Badini et al., "Impregnation of a pH-Sensitive Dye into Sol-Gels for Fibre Optic Chemical Sensors," <i>Analyst</i> , 120, pp. 1025-1028, April 1995.
EGT	C2	Brinker and Scherer, <i>Sol-Gel Science: The Physics and Chemistry of Sol-Gel Processing</i> , Academic Press, San Diego, pp. 372-385, 408-411, 458-459, 746-748, and 760, 1990.
EGT	C3	Burgi and Chien, "Optimization in Samples Stacking for High-Performance Capillary Electrophoresis," <i>Anal. Chem.</i> , 63, pp. 2042-2047, 1991.
EGT	C4	Chen et al., "Macroporous Photopolymer Frits for Capillary Electrochromatography," <i>Anal. Chem.</i> , 72, pp. 1224-1227, 2000.
EGT	C5	Chong et al., "Sol-Gel Coating Technology for the Preparation of Solid-Phase Microextraction Fibers of Enhanced Thermal Stability," <i>Anal. Chem.</i> , 69, pp. 3889-3898, 1997.
EGT	C6	Dulay et al., "Automated Capillary Electrochromatography: Reliability and Reproducibility Studies," <i>Journal of Chromatography</i> , 725, pp. 361-366, 1996.

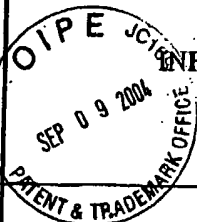
EXAMINER

THERKORN

DATE CONSIDERED

October 18, 2004

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PT01449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
STAN.055US0SERIAL NO.
09/507,707

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Richard N. Zare et al.

09/978,515

FILED
February 18, 2000GROUP
1732 1723

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
E6T	A8	5 1 3 5 6 2 7	8/4/92	Soane	210	1982	
E6T	A9	5 3 0 8 4 9 5	5/3/94	Avnir et al.	210	1982	
E6T	A10	5 3 1 6 6 8 0	5/31/94	Frechet et al.	210	1982	
E6T	A11	5 3 3 4 3 1 0	8/2/94	Frechet et al.	210	1982	
E6T	A12	5 4 5 3 1 8 5	9/26/95	Frechet et al.	210	1982	
E6T	A13	5 5 2 2 9 9 4	6/4/96	Frechet et al.	210	1982	
E6T	A14	5 5 9 9 4 4 5	2/4/97	Betz et al.	210	1982	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
E6T	B2	0 7 7 9 5 1 2	18.06.97	EPO	210	1982	Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

E6T	C7	Dulay et al., "Preparation and Characterization of monolithic Porous Capillary Columns Loaded with Chromatographic Particles," <i>Anal. Chem.</i> , 70, pp. 5103-5107, 1998.
E6T	C8	Etienne et al., "Photocurable Sol-Gel Coatings: Channel Waveguides for Use at 1.55 μm ," <i>Journal of Sol-Gel Science and Technology</i> , 13, pp. 523-527, 1998.
E6T	C9	Guo et al., "Hydrolytically Stable Amino-Silica Glass Coating Material for Manipulation of the Electroosmotic Flow in Capillary Electrophoresis," <i>Journal of Chromatography</i> , 744, pp. 17-29, 1996.
E6T	C10	Guo and Colón, "Modification of the Inner Capillary Surface by the Sol-Gel Method: Application to Open Tubular Electrochromatography," <i>J. Microcolumn Separations</i> , 7(5), pp. 485-491, 1995.
E6T	C11	Kenny et al., "Micropreparative Capillary Electrophoresis (MPCE) and Micropreparative HPLC of Protein Digests," <i>Techniques in Protein Chemistry IV</i> , Academic Press, San Diego, pp. 363-370, 1993.
E6T	C12	Mikkers et al., "Concentration Distributions in Free Zone Electrophoresis," <i>Journal of Chromatography</i> , 169, pp. 1-10, 1979.

EXAMINER

THERKORP

DATE CONSIDERED

October 18, 2004

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PT01449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

STAN.055US0

SERIAL NO.

07/978,515
09/507,707

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT

Richard N. Zare et al.

FILED

February 18, 2000

GROUP

172 1723

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
EGT	A15	5 6 4 7 9 7 9	7/15/97	Liao et al.	210	198.2
EGT	A16	5 6 6 7 6 7 4	9/16/97	Hanggi et al.	2p	198.2
EGT	A17	5 7 1 9 3 2 2	2/17/98	Lansbarkis et al.	210	198.2
EGT	A18	5 7 2 8 2 9 6	3/17/98	Hjertén et al.	210	198.2
EGT	A19	5 7 2 8 4 5 7	3/17/98	Frechet et al.	210	198.2
EGT	A20	5 7 5 9 4 0 5	6/2/98	Anderson, Jr. et al.	210	198.2
EGT	A21	5 7 7 2 8 7 5	6/30/98	Pettersson et al.	210	198.2

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

EGT	C13	Palm and Novotny, "Macroporous Polyacrylamide/Poly(ethylene glycol) Matrixes as Stationary Phases in Capillary Electrochromatography," <i>Anal. Chem.</i> , 69, pp. 4499-4507, 1997.
EGT	C14	Peters et al., "Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography," <i>Anal. Chem.</i> , 69, pp. 3646-3649, 1997.
EGT	C15	Righetti et al., "'Laterally Aggregated' Polyacrylamide Gels for Electrophoresis," <i>Electrophoresis</i> , 13, pp. 587-595, 1992.
EGT	C16	Righetti et al., "On the Limiting Pore Size of Hydrophilic Gels for Electrophoresis and Isoelectric Focusing," <i>Journal of Biochemical and Biophysical Methods</i> , 4, pp. 347-363, 1981.
EGT	C17	Smith and Ohms, "Micropreparative Separation of Tryptic Digests by Capillary Electrophoresis and Characterization by Protein Sequencing," <i>Techniques in Protein Chemistry III</i> , Academic Press, San Diego, pp. 113-120, 1992.
EGT	C18	Snyder, <i>Introduction to Modern Liquid Chromatography</i> , John Wiley & Sons, Inc., New York, pp. 145-147, 1979.

EXAMINER

THERKORN

DATE CONSIDERED

October 18, 2004

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PT01449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
STAN.055US0SERIAL NO.
09/307,707 89/978,515

OIP INFORMATION DISCLOSURE STATEMENT

SEP 09 2004

(Use several sheets if necessary)

APPLICANT
Richard N. Zare et al.FILED
February 18, 2000GROUP
1732 1723

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
E6T	A22	5 8 5 8 2 4 1	1/12/99	Dittmann et al.	210	1982
E6T	A23	5 6 3 7 1 3 5	6/10/97	Ottenstein et al.	210	1982

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

E6T	C19	Swartz and Merion, "On-Line Sample Preconcentration on a Packed-Inlet Capillary for Improving the Sensitivity of Capillary Electrophoretic Analysis of Pharmaceuticals," <i>Journal of Chromatography</i> , 632, pp. 209-213, 1993.
E6T	C20	Tsuda et al., "Rectangular Capillaries for Capillary Zone Electrophoresis," <i>Anal. Chem.</i> , 62, pp. 2149-2152, 1990.
E6T	C21	Viklund et al., "'Molded' Macroporous Poly(glycidyl methacrylate-co-trimethylolpropane trimethacrylate) Materials with Fine Controlled Porous Properties: Preparation of Monoliths Using Photoinitiated Polymerization," <i>Chem. Mater.</i> , 9, pp. 463-471, 1997.

EXAMINER

THERKORN

DATE CONSIDERED

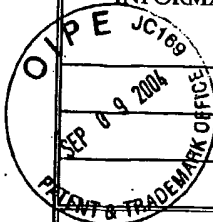
October 18, 2004

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 11 of 13

0

Sheet 1 of 1



U.S. Department of Commerce, Patent and Trademark		Atty. Docket No.	Application No.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		STNB.055US3	Unknown
(Use several sheets if necessary)		Applicant(s)	Conf. No.
		Zare et al.	Unknown
		Filing Date	Group
		Herewith	Unknown

U.S. Patent Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

U.S. Published Patent Application Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents

Document	Date	Country	Class	Subclass	Translation	
					Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EGT	1	Copy of International Search Report mailed January 3, 2003.

Examiner THE R KORN Date Considered October 18, 2004

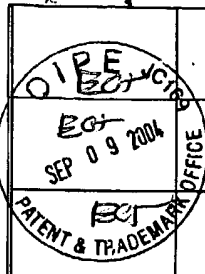
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Sheet 12 of 13

U.S. Department of Commerce, Patent and Trademark				Atty. Docket No.		Application No.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See several sheets if necessary)				STNB.055US3 09/976,515		10/674,652		
				Applicant(s)		Conf. No.		
				Zare et al.		4785		
				Filing Date		Group		
				September 29, 2003		1723		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
U.S. Published Patent Application Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EGT	1	Burgi et al., "Optimization in Sample Stacking for High-Performance Capillary Electrophoresis," <i>Anal. Chem.</i> 1991, 63, pp. 2042-2047.						
EGT	2	Chen et al., "Macroporous Photopolymer Frits for Capillary Electrochromatography," <i>Anal. Chem.</i> , 72, pp. 1224-1227, 2000.						
EGT	3	Chong et al., "Sol-Gel Coating Technology for the Preparation of Solid-Phase Microextraction Fibers of Enhanced Thermal Stability," <i>Anal. Chem.</i> 69, pp. 3889-3898, 1997.						
EGT	4	Etienne et al., "Photocurable Sol-Gel Coatings: Channel Waveguides for Use at 1.55 μ m," <i>Journal of Sol Gel Science and Technology</i> , 13, 1998, pp. 523-527.						
EGT	5	Guo et al., "Hydrolytically Stable Amino-Silica Glass Coating Material for Manipulation of the Electroosmotic Flow in Capillary Electrophoresis," <i>Journal of Chromatography</i> , 744, pp. 17-29, 1996.						
EGT	6	Guo et al., "Modification of the Inner Capillary Surface by the Sol-Gel Method: Application to Open Tubular Electrochromatography," <i>J. Microcolumn Separations</i> , Vol. 7, No. 5, 1995, pp. 485-491.						
EGT	7	Kenny et al., "Micropreparative Capillary Electrophoresis (MPCE) and Micropreparative HPLC of Protein Digests," <i>Techniques in Protein Chemistry IV</i> , pp. 363-370.						
EGT	8	Righetti et al., "'Laterally Aggregated' Polyacrylamide Gels for Electrophoresis," <i>Electrophoresis</i> , 13, 1992, pp. 587-595.						
EGT	9	Righetti et al., "On the Limiting Pore Size of Hydrophilic gels for Electrophoresis and Isoelectric Focusing," <i>Journal of Biochemical and Biophysical Methods</i> , 4, 1981, pp. 347-363.						
EGT	10	Smith et al., "Micropreparative Separation of Tryptic Digests by Capillary Electrophoresis and Characterization by Protein Sequencing," <i>Techniques in Protein Chemistry III</i> , Academic Press, San Diego, pp. 113-120, 1992.						

THE KORN

October 18, 2004

	11	Swartz et al., "On-Line Sample Preconcentration on a Packed-Inlet Capillary for Improving the Sensitivity of Capillary Electrophoretic Analysis of Pharmaceuticals," <i>Journal of Chromatography</i> , 632, 1993. pp. 209-213.
	12	Tsuda et al., "Rectangular Capillaries for Capillary Zone Electrophoresis," <i>Anal. Chem.</i> , 62, 1990, pp. 2149-2152.
	13	Notification of Transmittal of the International Search Report or the Declaration mailed January 1, 2004 for International Application No. PCT/US02/25752 for The Board of Trustees of the Leland Stanford Junior College
Examiner THERKORN		Date Considered October 18, 2004
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>		